

MASTERFLEX is manufactured using the same high quality process used to make Annuflex hose, but the number of corrugations per foot is increased to provide for greater flexibility.



Explanation of Masterflex Part Numbers

AF _____ 5 _____

Material Code Braid Code

Material Codes

4 - T321 Stainless Steel
5 - T316L Stainless Steel
7 - T304L Stainless Steel

Braid Codes

00 - Unbraided
50 - T304 Single Braid
55 - T304 Double Braid
T316 Braid available upon request

Example: AF4550 = T321 stainless steel, annular corrugated metal hose with a single T304 stainless steel braid

Inside Diameter (in.)	Number of Braids (#)	Outside Diameter (in.)	Static Minimum Bend Radius (in.)	Dynamic Minimum Bend Radius (in.)	Maximum Working Pressure (psi)	Burst Pressure (psi)	Weight Per Foot (lbs.)
1/4	0	0.42	0.9	3.7	90	n/a	0.07
	1	0.48			1800	7233	0.14
	2	0.54			2700	9100	0.20
3/8	0	0.55	1.0	4.0	70	n/a	0.07
	1	0.61			1558	6230	0.17
	2	0.67			2336	9345	0.27
1/2	0	0.77	1.2	4.4	70	n/a	0.18
	1	0.83			1186	4743	0.32
	2	0.89			1779	7115	0.47
5/8	0	0.96	1.4	5.6	57	n/a	0.19
	1	1.02			1205	4820	0.37
	2	1.08			1808	7230	0.54
3/4	0	1.08	1.7	6.4	43	n/a	0.23
	1	1.14			898	3591	0.40
	2	1.20			1347	5387	0.58
1	0	1.33	2.1	7.1	43	n/a	0.30
	1	1.40			718	2872	0.53
	2	1.46			1077	4308	0.78
1 1/4	0	1.75	2.5	7.9	43	n/a	0.63
	1	1.83			645	2581	1.00
	2	1.91			968	3872	1.37
1 1/2	0	2.08	3.1	8.7	28	n/a	0.70
	1	2.16			531	2125	1.16
	2	2.24			797	3188	1.63
2	0	2.61	4.0	10.3	14	n/a	0.88
	1	2.69			449	1797	1.44
	2	2.77			674	2696	1.99
2 1/2	0	3.40	5.4	12.8	14	n/a	1.36
	1	3.50			417	1669	2.16
	2	3.60			626	2504	2.96
3	0	3.88	6.3	14.5	14	n/a	1.63
	1	3.98			346	1384	2.50
	2	4.08			519	2076	3.37
4	0	4.96	7.7	17.4	14	n/a	2.53
	1	5.06			299	1194	3.90
	2	5.16			448	1791	5.29
5	0	6.00	10.0	21.9	14	n/a	4.07
	1	6.12			275	1099	5.53
	2	6.24			412	1649	6.99
6	0	7.01	11.6	25.0	11	n/a	4.46
	1	7.13			210	839	6.34
	2	7.25			315	1259	8.22

- The minimum bend radius is measured from the centerline of the hose
- The working pressure decreases with temperature - obtain derating factor on page 33 in Technical Information
- For rapid pressure fluctuations, consult factory